

IN THE CLAIMS:

List of the Claims:

Claims 1-72 (CANCELLED)

73. (Currently Amended) A method for replicating a surface relief, said method comprising the steps of

- providing a first layer of a non-metallic material which is held by a holding metal substrate,
- pressing into the first layer of non-metallic material an object comprising a surface so as to change surface properties of the first layer of non-metallic material in order to replicate at least one surface relief, said at least one surface relief forming part of the surface of the object and comprising a diffracting optical element, and
- wherein the metal substrate ~~holds~~ is an integrated part of a container in that a colour print layer is provided between the metal substrate and the first layer of non-metallic material for enhancing visual effects.

Claim 74 (Cancelled)

75. (Previously Presented) A method according to claim 73, wherein the first layer of non-metallic material is selected from the group consisting of lacquers, polymers, printing inks or any combination thereof.

76. (Previously Presented) A method according to claim 73, further comprising the step of providing a second layer, said second layer being substantially transparent and covering at least part of the first layer of non-metallic material.

77. (Previously Presented) A method according to claim 76, wherein the second layer is selected from the group consisting of lacquers, polymers, laminated plastic, printing inks or any combination thereof.

78. (Previously Presented) A method according to claim 76, wherein the refractive index of the first layer of non-metallic material and the second layer is different.

79. (Previously Presented) A method according to claim 73, further comprising the step of providing a metal layer onto at least a part of the at least one replicated surface relief, said metal layer substantially conforming with the at least one replicated surface relief.

80. (Previously Presented) A method according to claim 79, wherein the metal layer covering at least part of the at least one replicated surface relief comprises a highly refractive material, the highly refractive material being selected from the group consisting of aluminium, silver, gold, titanium dioxide and zirconium dioxide or any combination thereof.

81. (Previously Presented) A method according to claim 79, further comprising the step of providing a third layer, said third layer being substantially transparent and covering at least a part of the metal layer.

82. (Previously Presented) A method according to claim 81, wherein the third layer is selected from the group consisting of lacquers, polymers, laminated plastic, printing inks or any combination thereof.

Claim 83 (Cancelled)

84. (Previously Presented) A method according to claim 73, wherein the thickness of the first layer of non-metallic material is within the range of 1-50 μm .

85. (Previously Presented) A method according to claim 84, wherein the thickness of the first layer of non-metallic material is within the range 2-25 μm .

86. (Previously Presented) A method according to claim 85, wherein the thickness of the first layer of non-metallic material is within the range 2-20 μm .

87. (Previously Presented) A method according to claim 86, wherein the thickness of the first layer of non-metallic material is within the range 5-15 μm .

88. (Previously Presented) A method according to claim 87, wherein the thickness of the first layer of non-metallic material is within the range 5-10 μm .

89. (Previously Presented) A method according to claim 73, wherein replication of the at least one surface relief is performed as a part of a rolling process.

90. (Previously Presented) A method according to claim 73, wherein replication of the at least one surface relief is performed in a stamping process.

91. (WITHDRAWN) An article for holding a surface relief, said article comprising

- a holding metal substrate,
- a first layer of non-metallic material being held by the substrate, said first layer of non-metallic material being adapted to hold at least one surface relief, and
- wherein the metal substrate holds a colour print layer.

92. (WITHDRAWN) An article according to claim 91, wherein the colour print layer is positioned between the metal substrate and the first layer of non-metallic material.

93. (WITHDRAWN) An article according to claim 91, wherein the first layer of non-metallic material is selected from the group consisting of lacquers, polymers, printing inks or any combination thereof.

94. (WITHDRAWN) An article according to claim 91, further comprising a second layer, said second layer being substantially transparent and covering at least part of the first layer of non-metallic material.

95. (WITHDRAWN) An article according to claim 94, wherein the second layer is selected from the group consisting of lacquers, polymers, laminated plastic, printing inks or any combination thereof.

96. (WITHDRAWN) An article according to claim 94, wherein the refractive index of the first layer of non-metallic material and the second layer is different.

97. (Previously Presented) A method according to claim 73, further comprising a metal layer covering at least part of the first layer of non-metallic material and substantially conforming with the at least one replicated surface relief being held by the first layer of non-metallic material.

98. (Previously Presented) A method according to claim 97, wherein the metal layer covering at least part of the at least one replicated surface relief comprises a material being selected from the group consisting of aluminium, silver, gold, titanium dioxide and zirconium dioxide or any combination thereof.

99. (Previously Presented) A method according to claim 97, further comprising a third layer, said third layer being

substantially transparent and covering at least a part of the metal layer.

100. (Previously Presented) A method according to claim 99, wherein the third layer is selected from the group consisting of lacquers, polymers, laminated plastic, printing inks or any combination thereof.

Claim 101 (CANCELLED)

102. (WITHDRAWN) An article according to claim 91, wherein the article forms an integrated part of a container.

103. (WITHDRAWN) An article according to claim 91, wherein the container is a food container.

104. (WITHDRAWN) An article according to claim 91, wherein the container is a beverage container.

105. (Currently Amended) A method for replicating a surface relief, said method comprising the steps of

- providing a first layer of a non-metallic material, said first layer of non-metallic material being held by a metal substrate,

- pressing into the first layer of non-metallic material an object comprising a surface so as to change surface properties of the first layer of non-metallic material in order to replicate at least one surface relief, said at least one surface relief forming part of the surface of the object and comprising a diffracting optical element, ~~and~~

- providing a metal layer enhancing the reflectivity of the article onto at least part of the at least one replicated surface relief, said metal layer substantially conforming with the at least one replicated surface relief, and

wherein the at least one surface relief is formed on an article forming an integrated part of the container.

106. (Previously Presented) A method according to claim 105, wherein the first layer of non-metallic material is selected from the group consisting of lacquers, polymers, printing inks or any combination thereof.

107. (Previously Presented) A method according to claim 105, further comprising the step of providing a second layer, said second layer being substantially transparent and covering at least part of the metal layer.

108. (Previously Presented) A method according to claim 107, wherein the second layer is selected from the group consisting of lacquers, polymers, laminated plastic, printing inks or any combination thereof.

Claim 109 (CANCELLED)

110. (Previously Presented) A method according to claim 105, wherein the thickness of the first layer of non-metallic material is within the range of 1-50 μm .

111. (Previously Presented) A method according to claim 105, wherein the metal layer covering at least part of the at least one replicated surface relief comprises a highly refractive material, being selected from the group consisting of aluminium, silver, gold, titanium dioxide and zirconium dioxide or any combination thereof.

112. (Previously Presented) A method according to claim 105, wherein replication of the at least one surface relief is performed as a part of a rolling process.

113. (Previously Presented) A method according to claim 105, wherein replication of the at least one surface relief is performed in a stamping process.

Claim 114 (Cancelled)

115. (Previously Presented) A method according to claim 105, wherein the metal layer provides a visual effect.

116. (WITHDRAWN) An article for holding a surface relief, said article comprising

- a metal substrate,
- a first layer of non-metallic material being held by the substrate, said first layer of non-metallic material being adapted to hold at least one surface relief, and
- a metal layer enhancing the reflectivity of the article covering at least part of the first layer of non-metallic material and being substantially conform with the at least one replicated surface relief being held by the first layer of non-metallic material.

117. (WITHDRAWN) An article according to claim 116, wherein the at least one surface relief being held by the first layer of non-metallic material comprises a diffracting optical element.

118. (WITHDRAWN) An article according to claim 116, wherein the first layer of non-metallic material is selected from the group consisting of lacquers, polymers, printing inks or any combination thereof.

119. (WITHDRAWN) An article according to claim 116, wherein the metal layer covering at least part of the at least one replicated surface relief comprises a material selected from the group consisting of aluminium, silver, gold, titanium dioxide and zirconium dioxide or any combination thereof.

120. (WITHDRAWN) An article according to claim 116, further comprising a second layer, said second layer being substantially transparent and covering at least part of the metal layer.

121. (WITHDRAWN) An article according to claim 120, wherein the second layer is selected from the group consisting of lacquers, polymers, laminated plastic, printing inks or any combination thereof.

122. (WITHDRAWN) An article according to claim 116, wherein the article forms an integrated part of a container, such as a food or beverage container.

123. (Previously Presented) A method according to claim 73, wherein the surface relief has sub-micron surface variations.

124. (Previously Presented) A method according to claim 105, wherein the surface relief has sub-micron surface variations.

125. (Previously Presented) A method according to claim 110, wherein the thickness of the first layer of non-metallic material is within the range of 2-25 μm .

126. (Previously Presented) A method according to claim 125, wherein the thickness of the first layer of the non-metallic material is within the range 2-20 μm .

127. (Previously Presented) A method according to claim 126, wherein the thickness of the first layer of non-metallic material is within the range of 5-15 μm .

128. (Previously Presented) A method according to claim 127, wherein the thickness of the first layer of non-metallic material is within the range of 5-10 μm .